

AMENDMENT

In the claims:

Please amend the claims as follows:

1 (Twice Amended). A genetically engineered [mammalian] murine cell that has been mutated by a process comprising the insertion of a recombinantly manipulated polynucleotide sequence into the genetic locus encoding exon sequence presented in a gene in said genetically engineered mammalian cell wherein said gene is identifiable as corresponding to SEQ ID NO:2.

2 (Cancelled).

3 (Twice Amended). A cell according to Claim 21, wherein said cell is a mouse embryonic stem cell.

4 (Original). The genetically engineered mammalian cell of Claim 1, wherein said polynucleotide sequence is present on a viral vector.

5 (Original). A cell according to Claim 4, wherein said viral vector is a retroviral vector.

6 (Original). A cell according to Claim 4, wherein said viral vector additionally comprises regions of targeting DNA that facilitate gene targeting by homologous recombination.

7 (Twice Amended). An isolated mouse embryonic stem cell line comprising an engineered retroviral gene trap vector in the genetic locus encoding exon sequence presented in at least one gene comprising a polynucleotide sequence identifiable as corresponding to SEQ ID NO:2.